Skid Control ECU with Actuator Assembly

A58

Integration Control and Panel Assembly

A58

Brake Pedal Stroke Sensor Assembly

A3

Junction Connector

ABS, TRAC, VSC

- 2 -
* 1 : Shielded
L17(A), z11(B)
A/C Amplifier Assembly

3 : w/ PTC Heater

Air Conditioning
V

A/C Blower Assembly

Damper Servo Motor
(Air Inlet)

Damper Servo Motor
(Air Vent Mode)

Damper Servo Motor
(Air Mix)

B BUSBUSBUS G

z11 (B)

Connector
Housing Color
(Red)

M

Connector
Housing Color
(Black)

M

Connector
Housing Color
(Blue)

M

A/C Amplifier Assembly

L17(A), z11(B)

A/C Evaporator
Temperature Sensor

Tea  Sga  Bus G  Bus  B Bus

A/C Blower Assembly

SGATEA

A/C Evaporator
Temperature Sensor

Connector
Housing Color
(Red)

Connector
Housing Color
(Black)

Connector
Housing Color
(Blue)

Damper Servo Motor
(Air Mix)

Damper Servo Motor
(Air Vent Mode)

Damper Servo Motor
(Air Fit)
Radio Receiver Assembly
L40 (D) , L41 (E) , L45 (G)

Junction Connector
L85

Parking Brake Switch Assembly
A25

Audio System <w/ Stereo Component Amplifier Except Korea> , Navigation System <Except Korea> , Parking Assist <Rear View Monitor>

- 1 -
Audio System <w/ Stereo Component Amplifier Except Korea> , Navigation System <Except Korea> , Parking Assist <Rear View Monitor>

L37(A), L38(B), L39(C), L40(D), L41(E), L42(F), L45(G)
Navigation Receiver Assembly
L40(D), L41(E), L45(G)
Radio Receiver Assembly

No. 1 Stereo Jack
Adapter Assembly

Rear Television Camera Assembly

※ 7 : w/ Rear View Monitor
※ 8 : w/ Safety Connect System
Audio System <w/ Stereo Component Amplifier Except Korea>, Navigation System <Except Korea>, Parking Assist <Rear View Monitor>

L37(A), L38(B), L39(C), L40(D), L41(E), L42(F), L45(G)
Navigation Receiver Assembly
L40(D), L41(E), L45(G)
Radio Receiver Assembly

When wiring colors are indicated with (***), either the colored wiring (general wiring) or the painted wiring is used.
Audio System <w/ Stereo Component Amplifier Except Korea>, Navigation System <Except Korea>, Parking Assist <Rear View Monitor>

L37(A), L38(B), L39(C), L40(D), L41(E), L42(F), L45(G)
Navigation Receiver Assembly
L40(D), L41(E), L45(G)
Radio Receiver Assembly

L14(A), L15(B)
Stereo Component Tuner Assembly

L93
Junction Connector
L37(A), L38(B), L39(C), L40(D), L41(E), L42(F), L45(G)
Navigation Receiver Assembly
L40(D), L41(E), L45(G)
Radio Receiver Assembly

- Navigation Receiver Assembly
- Radio Receiver Assembly

Audio System (<w/ Stereo Component Amplifier Except Korea>, Navigation System (<Except Korea>, Parking Assist (<Rear View Monitor>))
Audio System <w/ Stereo Component Amplifier Except Korea>, Navigation System <Except Korea>, Parking Assist <Rear View Monitor>

- 15 -
Audio System <w/ Stereo Component Amplifier Except Korea> , Navigation System <Except Korea> , Parking Assist <Rear View Monitor>
Audio System <w/ Stereo Component Amplifier Except Korea>, Navigation System <Except Korea>, Parking Assist <Rear View Monitor>
<table>
<thead>
<tr>
<th>Audio System &lt;w/ Stereo Component Amplifier Except Korea&gt;</th>
<th>Navigation System &lt;Except Korea&gt;</th>
<th>Parking Assist &lt;Rear View Monitor&gt;</th>
</tr>
</thead>
</table>

### Legend:
- **White**
- **Blue**
- **Gray**

#### AL1 (White)

```
1 2 3 4 5 6 7 8 9 10 11 12
13 14 15 16 17 18 19 20 21 22 23 24
25 26 27 28 29 30 31 32 33 34 35 36
37 38 39 40 41 42 43 44 45 46 47 48
49 50 51 52 53 54 55 56 57 58 59 60
61 62 63 64 65 66 67 68 69 70 71 72
73 74 75 76 77 78 79 80 81 82 83 84
```

#### AL2 (White)

```
1 2 3 4 5 6 7 8 9 10 11 12
13 14 15 16 17 18 19 20 21 22 23 24
25 26 27 28 29 30 31 32 33 34 35 36
37 38 39 40 41 42 43 44 45 46 47 48
49 50 51 52 53 54 55 56 57 58 59 60
61 62 63 64 65 66 67 68 69 70 71 72
73 74 75 76 77 78 79 80 81 82 83 84
```

#### AL3 (White)

```
1 2 3 4 5 6 7 8 9 10 11 12
13 14 15 16 17 18 19 20 21 22 23 24
25 26 27 28 29 30 31 32 33 34 35 36
37 38 39 40 41 42 43 44 45 46 47 48
49 50 51 52 53 54 55 56 57 58 59 60
61 62 63 64 65 66 67 68 69 70 71 72
73 74 75 76 77 78 79 80 81 82 83 84
```
L34(A), L35(B), L37(C), L41(E), L42(F)
Navigation Receiver Assembly

EAU AU1 AU2 IG

Seek+
Seek–
Volume+
Volume–
Voice

Touch Sensor
Micro Computer
DISP

Spiral Cable Sub–Assembly

Audio System <w/ Stereo Component Amplifier Korea>, Navigation System <Korea>
When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.
Audio System <w/ Stereo Component Amplifier Korea> , Navigation System <Korea>

L34(A), L35(B), L37(C), L41(E), L42(F)
Navigation Receiver Assembly

[Diagram of wiring connections with labels for AMP, GND, ANT, BAT, ACC, and various connections]

- 5 -
L34(A), L35(B), L37(C), L41(E), L42(F)
Navigation Receiver Assembly

Rear Speaker Assembly LH
Q3
Rear Speaker Assembly RH
P3

Audio System <w/ Stereo Component Amplifier Korea> , Navigation System <Korea>
Audio System <w/ Stereo Component Amplifier Korea>, Navigation System <Korea>
Audio System <w/o Stereo Component Amplifier>

- 1 -
When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.
L34(A), L35(B), L50(C), L84(D)
Radio Receiver Assembly

AGND ALI ARI ASGN AUXI
18 17 16 19

No. 1 Stereo Jack
Adapter Assembly
Audio System <w/o Stereo Component Amplifier>

L34(A), L35(B), L52(C), L84(D)
Radio Receiver Assembly

Main Antenna

Sub Antenna

Rear Speed Sensors

Front Speed Sensors

AS5 Control ECU with Actuator Assembly

- 6 -
Audio System <w/o Stereo Component Amplifier>
Audio System <w/o Stereo Component Amplifier>
A21(A), L5(C)
Power Management Control ECU

No. 2 Lever Position Sensor

* 1 : w/ Garage Door Opener w/ Rear View Monitor

* Shielded

(Junction Connector)
Automatic Light Control, Light Auto Turn Off System

Automatic Light Control Sensor

Door Control Receiver

Certification ECU Assembly

Main Body ECU

Front Door Courtesy Light Switch Assembly LH
Back-Up Light
Back-Up Light

---

A21(A), L5(C)  
Power Management Control ECU

---

Shift Lever Position Sensor
No. 2 Lever Position Sensor

---

Back-Up Light
Combination Meter Assembly

- Micro Computer
- Touch Sensor
- Display
- Buzzer
- Driver
- Driver

Spiral Cable Sub-Assembly: L52 (A), z9 (B)

Steering Pad Switch:
- TRIP
- DISP
- Touch Sensor

Combination Meter Assembly

Display Buzzer RY

Driver I/F

IGN+ B

19 18

Micro Computer

Combination Meter Assembly

Touch Sensor

Junction Connector BR
1 : w/ Navigation System
2 : w/ Stereo Component Amplifier
3 : w/o Stereo Component Amplifier
4 : w/ Safety Connect System
Cruise Control, Dynamic Radar Cruise Control, Engine Control

A57(A), D28(B)
ECM

Knock Control Sensor (Bank 1)

Crankshaft Position Sensor

Cruise Control, Dynamic Radar Cruise Control, Engine Control

- 7 -
Cruise Control, Dynamic Radar Cruise Control, Engine Control

A57(A), D28(B)

ECM

D18
VVT Sensor (Intake Side)

D3
E.F.I. Vacuum Sensor Assembly

D6
E.F.I. Engine Coolant Temperature Sensor

D25
Camshaft Timing Oil Control Valve (Intake Side)
Brake Booster Pump Assembly

Skid Control ECU with Actuator Assembly

Cruise Control, Dynamic Radar Cruise Control, Engine Control
Cruise Control, Dynamic Radar Cruise Control, Engine Control

L60
Driving Support ECU Assembly

CA2L
CA2H

STP–

ST1–

L60 (L600) Connector

V (∗1)
P (∗1)
R
Y (∗1)
R

R (∗2)
R (∗2)

∗ 1: w/ Dynamic Radar Cruise Control
∗ 2: w/o Dynamic Radar Cruise Control
Cruise Control, Dynamic Radar Cruise Control, Engine Control

L60
Driving Support ECU Assembly

SPSW
CCHG
CCS

DIST
ECC
R/N
CCS

Distance Control
Steering Pad Switch Assembly

Steering Control Main Switch

MODE
ON-OFF
+ RES
- SET
CANCEL

Driving Support ECU Assembly

- 29 -
Driving Support ECU Assembly

10A ECU-IG NO. 2

Millimeter Wave Radar Sensor Assembly

10A ECU-IG NO. 4

10A ECU-IG NO. 3

10A L60 Fuse Block

WASH

WIP NO. 2

WIP NO. 3

WIP NO. 4

L103 Junction Connector

CA1P

CA1N

CA1P

CA1N

SGND

IGB

Millimeter Wave Radar Sensor Assembly

01:

+ Dynamic Radar Cruise Control

- Dynamic Radar Cruise Control

- Engine Control

1 : w/ Dynamic Radar Cruise Control

2 : w/o Dynamic Radar Cruise Control

- 30 -
L46(A), L49(B) Windshield Wiper Switch Assembly

Front Wiper Switch

<table>
<thead>
<tr>
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<th>+B</th>
<th>+2</th>
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Front Washer Switch

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<tr>
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</tbody>
</table>

- 31 -

*1: w/ Dynamic Radar Cruise Control
Cruise Control, Dynamic Radar Cruise Control, Engine Control

- AL2
  Gray
  - AL3
    White
    - AL4
      Black
      - AL8
        White
      - AR1
        White
      - AS1
        White
      - DA1
        White
Cruise Control, Dynamic Radar Cruise Control, Engine Control

- 39 -
When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.
When wiring colors are indicated with (∗∗), either the colored wiring (general wiring) or the painted wiring is used.
Door Lock Control

OL1

White

OL2

White

PS1

White

QR1

White

- 13 -
Power Steering Motor Assembly

A27(A), L54(B), z12(C), z13(D), z14(E), z15(F), z16(G)

Power Steering ECU Assembly

Rotation Angle Sensor

Power Steering Motor Assembly

EPS
Front Wiper and Washer

L48(A), L48(B)
Windshield Wiper Switch Assembly

Front Wiper Switch

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</table>

Windshield Wiper Motor and Pump Assembly

30A WIP
15A WASHER

Front Wiper and Washer Motor Assembly

- 1 -
Ground Point

- 1 -

2 : LED Type
3 : Except LED Type
Ground Point
Ground Point

- 5 -

* 8 : Korea
* 9 : Except Korea
* 4 : w/ Sliding Roof
* 5 : w/o Sliding Roof
*10 : w/ Stereo Component Amplifier
*11 : w/o Stereo Component Amplifier
*12 : w/o Navigation System

When wiring colors are indicated with (+), either the colored wiring (general wiring) or the painted wiring is used.
When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.

- 6 : w/ Safety Connect System
- 7 : w/o Safety Connect System
- 8 : Korea
- 9 : Except Korea

* When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.
Ground Point

A 56 White

L 85 White

L 89 Black

L 92 White

L 93 White

R 31 White

S 20 White

X 2 Black

TA White

TB White

TC White

TD White

- 9 -
Ground Point

PS1
White

QR1
White

RX1
White

SW1
Gray

Sc1
White

UL1
Gray
Headlight Beam Level Control

<table>
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<tr>
<th>Light Control Switch</th>
<th>T</th>
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<th>A</th>
<th>EL</th>
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<td>AUTO</td>
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</table>
Headlight Beam Level Control

Main Body ECU

BECU

ALTB

ACC

IG

10A ECU-IG NO. 1

10A ECU-ACC

25A DOOR NO. 1

7.5A ECU-B

L7(A), L8(B)

Front Speed Sensors

RR+ RR− RL+ RL− FL+ FL− FR+ FR− SP1

Rear Speed Sensors

30 31 29 32

L8 (A) , L7 (B)

Main Body ECU

30 31 29 32

18 24

L8 (B) , L7 (A)

Front Speed Sensors

RR+ RR− RL+ RL− FL+ FL− FR+ FR− SP1

Rear Speed Sensors

30 31 29 32

18 24

L8 (B) , L7 (A)
Headlight Beam Level Control
### Headlight Beam Level Control

**AL7**  
Black

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**AL2**  
Gray

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**4A**  
White

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Headlight Beam Level Control

- 9 -
Headlight Cleaner

- 2 -
Light Control Switch

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Headlight Dimmer Switch Assembly

- 3 -
Headlight Cleaner

L7(A), L8(B)
Main Body ECU

BECU

ALTB

ACC

IG

18

19

30

31

29

32

10A ECU-IG NO. 1

10A ECU-ACC

25A DOOR NO. 1

7.5A ECU-B

- 4 -
Headlight Assembly LH

- Headlight Assembly LH
- Integration Relay

+ LED Type
+ 2: Except LED Type

- 10A GAUGE
- 40A PI 2
- GND1
- GND2
- HLPL

- IG1
- BATT
- HL4
- HLPR

- Integration Relay

- LED Driver Module
- Low (LED)
- Low (LED)

- Headlight Assembly LH

- W–B
- W–B
- W–B

- 1A 2A 3A

- 1G1
- 1G9
- HL4
- HLPR

- GND1 GND2

- 1H1
- 1G2

- Headlight Assembly LH
Headlight Dimmer Switch Assembly

- Flash
- Low
- High

- OFF
- Tail
- Head
- AUTO

* 1 : LED Type
* 2 : Except LED Type
* 3 : w/ Daytime Running Light
* 4 : w/o Daytime Running Light
Hybrid System, Shift Control System

- 1 -
A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

A69(A), B1(B), D29(C), E2(D), T1(E), e1(F), t1(G)
With Converter Inverter Assembly

D1(A), D8(B), e2(C)
No. 2 Motor Generator
Hybrid System, Shift Control System

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

- Shielded -

Inter Lock Switch

A59(A), B1(B), D29(C), E2(D), T1(F), e1(F), f1(G)
With Converter Inverter Assembly

Power Management Control ECU
A21(A), A22(B), L5(C), L6(D)

- w/ PTC Heater -
Hybrid System, Shift Control System

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

∗ 1 : w/ PTC Heater

- 8 -
Hybrid System, Shift Control System

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

Battery Voltage Sensor

Hybrid System, Shift Control System - 9 -
Hybrid System, Shift Control System

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

Service Plug

Hybrid Vehicle Battery
Busbar Module 1
VB14 VB13 VB12 VB11 VB10

Hybrid Vehicle Battery
Busbar Module 2
VB9 VB8 VB7 VB6 VB5 VB4 VB3 VB2 VB1 GB0

h1(B), j1(C), h1(D), z17(E)
HV Battery

c1(A), j1(C), z17(E)
Battery Voltage Sensor

- 10 -
Hybrid System, Shift Control System

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

Thermistor

TCO

Thermistor

GCO

Thermistor

TBO

Thermistor

GBO

Thermistor

GB2

HV Battery Thermometer

h1(B), j1(C), k1(D), z17(E)
HV Battery

c1(A), j1(C), z17(E)
Battery Voltage Sensor

- 11 -
Hybrid System, Shift Control System

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

* 1 : w/ PTC Heater

- 14 -
Hybrid System, Shift Control System

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

D2
Shift Control Actuator Assembly

A23(A), A24(B)
Transmission Control ECU Assembly

W–B

L

BATTSB

- 15 -
A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

*1: w/ PTC Heater
A57(A), D28(B)
ECM

L101 Junction Connector

L17(A)
A/C Amplifier Assembly

Hybrid System, Shift Control System
Hybrid System, Shift Control System

1: w/ PTC Heater
Hybrid System, Shift Control System
Hybrid System, Shift Control System

- 32 -
Hybrid System, Shift Control System

2A
White

2C
White

3A
White

3B
White

AL1
Blue

- 33 -
### Hybrid System, Shift Control System

#### LS1
- White

#### Lb1
- White

#### Lz1
- White

#### Sc1
- White

---

-35-
Hybrid Vehicle Immobiliser, Push-Button Start, Wireless Door Lock Control, Back Door Opener, Smart Key System

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

No. 2 Lever Position Sensor

- 2 -
A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

A23(A), A24(B)
Transmission Control ECU Assembly

Hybrid Vehicle Immobiliser, Push-Button Start, Wireless Door Lock Control, Back Door Opener, Smart Key System
Hybrid Vehicle Immobiliser, Push-Button Start, Wireless Door Lock Control, Back Door Opener, Smart Key System

A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

BR
Y
W-B
L
L

+BB
10
33
12
AL2
1
7.5A
ECU-B2
(BAT)

LIN1
EFII
EFIO
GND
+BB
© Code Box

SSW1
SSW2

SS1
SS2
GND

Free

Full Traveling

* 8 : w/ ID Code Box
* 9 : w/o ID Code Box
A21(A), A22(B), L5(C), L6(D)
Power Management Control ECU

L43
Power Switch

L33
Junction Connector

Hybrid Vehicle Immobiliser, Push-Button Start, Wireless Door Lock Control, Back Door Opener, Smart Key System

* 9 : w/o ID Code Box
Hybrid Vehicle Immobiliser, Push-Button Start, Wireless Door Lock Control, Back Door Opener, Smart Key System

L62(A), L63(B) Certification ECU Assembly

- 16 -

2: Driver's Door Only Smart Key System
3: Except 2

L11: Front Indoor Electrical Key Oscillator
R10: Rear Indoor Electrical Key Oscillator
S15: Indoor Luggage Compartment Electrical Key Oscillator
R19: Outside Luggage Electrical Key Antenna

Back Door Opener Switch Assembly

*2: Driver’s Door Only Smart Key System
*3: Except *2
Hybrid Vehicle Immobiliser, Push-Button Start, Wireless Door Lock Control, Back Door Opener, Smart Key System

- 17 -
L7(A), L8(B)
Main Body ECU

Hybrid Vehicle Immobiliser, Push-Button Start, Wireless Door Lock Control, Back Door Opener, Smart Key System
When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.
When wiring colors are indicated with (∗∗), either the colored wiring (general wiring) or the painted wiring is used.
Hybrid Vehicle Immobiliser, Push-Button Start, Wireless Door Lock Control, Back Door Opener, Smart Key System
Hybrid Vehicle Immobiliser, Push-Button Start, Wireless Door Lock Control, Back Door Opener, Smart Key System
Hybrid Vehicle Immobiliser, Push-Button Start, Wireless Door Lock Control, Back Door Opener, Smart Key System
Hybrid Vehicle Immobiliser, Push-Button Start, Wireless Door Lock Control, Back Door Opener, Smart Key System
Hybrid Vehicle Immobiliser, Push-Button Start, Wireless Door Lock Control, Back Door Opener, Smart Key System
**Note:**

- 5: w/ Stereo Component Amplifier
- 6: w/o Stereo Component Amplifier
- 11: w/o Navigation System
- 13: Korea
- 14: Except Korea

**Diagram:**

- Combination Meter Assembly
- Illumination, Taillight

**Legend:**

- BAT: Battery
- IG: Ignition
- ECU-B: Engine Control Unit - B
- 10A: 10A Gauge
- SW1, SW2, SW3: Switches
- RV, RL, TC: Parts
- I/F: Interface
- L: Light
- W: Wire
- LS: Light Source
- Tail Cancel
- Light Control Rheostat

**Key Points:**

- Numbers and letters indicate connections and components in the diagram.
- Wiring details are shown with arrows and labels.

**Additional Information:**

- *5: w/ Stereo Component Amplifier
- 6: w/o Stereo Component Amplifier
- 11: w/o Navigation System
- 13: Korea
- 14: Except Korea
Intelligent Parking Assist, Parking Assist <Intuitive Parking Assist>
Interior Light

-1-

7.5A ECU-B

25A DOOR NO. 1

10A ECU-IG NO. 1

10A ECU-ACC

L7(A), L8(B)
Main Body ECU

ACC IG ALTB BECU GND2 GND1

W-B W-B W-B W-B W-B

18 20 6 11

6 6

Interior Light
No. 1 Interior Illumination Light Assembly RH

No. 1 Interior Illumination Light Assembly LH

No. 2 Room Light Assembly

Back Door Lock Assembly

Junction Connector R28 (A), R29 (B)

+1: w/ No. 1 Interior Illumination Light Assembly
When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.
Lane Keeping Assist

Driver Buzzer

I/F

CPU

BI G +

GAUGE

10A

(IG)

L2 BR

7.5A

ECU-B

(BAT)

18 19

18

19

18 37

L27 Combination Meter Assembly

L94 Junction Connector

Display

Buzzer

Driver

Driver

CROSS CONNECTION

CPU

CAN IC

ES

11

10

39

W

α.

α.

1

12

W

α.
Lane Keeping Assist

L60
Driving Support ECU Assembly

Millimeter Wave Radar Sensor Assembly

L67
Headlight Dimmer Switch Assembly

<table>
<thead>
<tr>
<th>Turn Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>RH</td>
</tr>
<tr>
<td>N</td>
</tr>
<tr>
<td>LH</td>
</tr>
</tbody>
</table>

LG
R

W–B
GND

CA1NP
CA1PLG

TL
TR
EL
When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.
Mirror Heater, Rear Window Defogger
Mirror Heater, Rear Window Defogger

- NL1 -

- NL2 -

- OL1 -

- OL2 -

- VR2 -
Stereo Component Amplifier Assembly
Parking Assist ECU
Radio Receiver Assembly
Navigation Receiver Assembly

TX1x  TX1←  ATX+  ATX←
9  10  5  12
L56(B)  L40(D), L41(E)  L31(B)  L40(D), L41(E)
Parking Assist ECU  Radio Receiver Assembly

TX+  TX←
8  7

TX+  TX←
25  24

TX+  TX←
2  3

TX–  TX+  TX–  TX+
D15 D5 E10 E9

1 : w/ Intelligent Parking Assist
2 : w/ Stereo Component Amplifier
Multiplex Communication System <AVC-LAN>

L 31
White

L 40
White

L 41
White

L 65
White
Multiplex Communication System <CAN>

- 1 -
Power Outlet
Power Outlet
When wiring colors are indicated with (**) either the colored wiring (general wiring) or the painted wiring is used.
When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.

Q4
Rear Power Window Regulator Motor Assembly LH
When wiring colors are indicated with (∗∗), either the colored wiring (general wiring) or the painted wiring is used.
Pre-Collision System

L2(A), L3(B)
Seat Belt Control ECU

IG1 +B
PGND MOL+ MOL− MOR+ MOR− CANH CANL

Ru
Front Pre-Collision
Seat Belt Motor LH

S7
Front Pre-Collision
Seat Belt Motor RH

- 1 -
Pre-Collision System

- 3 -
* 1: w/ Lane Keeping Assist
Pre-Collision System

Note: 1: w/ Lane Keeping Assist
Rear Wiper and Washer
Remote Air Conditioning System

L7(A), L8(B)
Main Body ECU

- 12 -
When wiring colors are indicated with (**), either the colored wiring (general wiring) or the painted wiring is used.
Remote Air Conditioning System
Seat Belt Warning

W 5
Gray

W 6
Gray

W 7
Black

2A
White

2C
White

3B
White

AL3
White

- 5 -
Seat Heater

LR1
White

LS1
White

RX1
White

[Diagram of seat heater connections]
<table>
<thead>
<tr>
<th>Component</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front Pretensioner LH</td>
<td>R7</td>
</tr>
<tr>
<td>Front Pretensioner RH</td>
<td>S6</td>
</tr>
<tr>
<td>Thermilcast Transistor</td>
<td>GSW3</td>
</tr>
<tr>
<td>Power Management Control ECU</td>
<td>ABFS</td>
</tr>
<tr>
<td>Center Airbag Sensor Assembly</td>
<td>L16(A), R1(B), S1(C)</td>
</tr>
<tr>
<td>Driver Side Squib Circuit</td>
<td>z8(B)</td>
</tr>
<tr>
<td>Driver Side Squib 2nd Step Circuit</td>
<td>z7(B)</td>
</tr>
<tr>
<td>Spiral Cable Sub-Assembly</td>
<td>L53(A), z7(B), z8(C)</td>
</tr>
<tr>
<td>Power Management Control ECU</td>
<td>L5 (C)</td>
</tr>
</tbody>
</table>

Note: 1: w/ Safety Connect System
S11
Curtain Shield Airbag Assembly Circuit RH

R14
Curtain Shield Airbag Assembly Circuit LH

L29
Lower No. 1 Instrument Panel Airbag Assembly

H1(A), H2(B)
Front Passenger Side Squib Circuit

L16(A), R1(B), S1(C)
Center Airbag Sensor Assembly
Front In Weight Detection Sensor Sub-Assembly

W1 Rear In Weight Detection Sensor Sub-Assembly

W7 Rear Out Weight Detection Sensor Sub-Assembly

W2(A), W3(B)
Occupant Detection ECU

L16(A), R1(B), S1(C)
Center Airbag Sensor Assembly

W4 Front In Weight Detection Sensor Sub-Assembly

W6 Front Out Weight Detection Sensor Sub-Assembly
Tire Pressure Warning System

- L25
  CLSW
  10A ECU-IG NO. 2

- L4
  Tire Pressure Warning ECU

- CLSW
  RDA
  RFSV
  TACH
  GND2
  SIL
  TC
  GND
  IND
  SPD

- TIRE PRESSURE WARNING SYSTEM
  Tire Pressure Warning Antenna and Receiver

- R2
  Tire Pressure Warning Antenna and Receiver

- L61
  DLC3

- Junction Connector

- W-B

- INT
  Tire Pressure Warning Antenna and Receiver

- Headquarters

- - 1 -
Tire Pressure Warning System